



Guidelines for the Illinois Green Cleaning Schools Act

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I. Purpose of the Guidelines

- Facilitate a healthy environment for:
 - Students
 - School employees
- Implement the Green Cleaning Schools Act by:
 - Defining specific requirements
 - Providing additional recommendations.

II. Overview of Structure

- Requirements:
 - Mandatory for school compliance
 - Focus on qualified products
- Recommendations:
 - Green cleaning principles
 - Guidance on products that are *not* mandatory
 - Recommended practices



III. Development Process

- Guidelines development process:
 - Open participation and public documentation
 - Sub-committee structure
- Participating organizations:
 - Green Governments Coordinating Council (GGCC)
 - State agencies
 - Industry groups
 - Advocacy groups
 - School employees groups

III. Development Process

- Public comment:
 - Comments received via web, mail, and hearings
 - Early December through early January
 - Over 80 comments received
- Administrative rulemaking:
 - Requirements portion of guidelines filed as rules
 - Rules published in the February 1 *Illinois Register*
 - 90-day review process including public comment

IV. Implementation

A. Requirements under the Act

- May 9: Deadline for schools to comply or seek exemption.
- Dissemination of final guidelines:
 - GGCC to ROEs and non-public schools
 - ROEs to public schools
- Ongoing assistance to schools
- Annual amendments to guidelines
- Option to include implementation practices, including inspection, in guidelines

IV. Implementation

B. Outreach Efforts

- Education through industry representatives:
 - Manufacturers
 - Distributors
 - Contract cleaners
- Education through stakeholder organizations
- Education through meetings, conferences, and media

V. Requirements

A. Scope of Coverage

- Applicable schools:
 - Elementary and secondary
 - Public and non-public
 - 50 or more students
- School buildings as defined in the guidelines
- In-house cleaning staff & school employees
- Contract cleaners

V. Requirements

B. Pre-qualified Supplies

- Qualified products required in six categories:
 1. Bathroom Cleaners
 2. Carpet Cleaners
 3. General Purpose & Hard Floor Surface Cleaners
 4. Glass, Window & Mirror Cleaners
 5. Hand Cleaners & Hand Soaps
 6. Paper Products



V. Requirements

B. Pre-qualified Supplies

Requirements for chemical formulations	Requirements for paper products
Green Seal certification	Green Seal certification
EcoLogo (Environmental Choice) certification	EcoLogo (Environmental Choice) certification
U.S. EPA Design for the Environment recognition	U.S. EPA Comprehensive Procurement Guidelines compliance

V. Requirements

C. Alternatively Qualified Supplies

- Alternative qualification granted based on proof of attaining an applicable standard:
 - Green Seal standards:
 - GS-37 or GS-41 for chemicals
 - GS-9 for paper
 - EcoLogo standards:
 - CCD-104, CCD-146 or CCD-148 for chemicals
 - CCD-86 for paper



V. Requirements

C. Alternatively Qualified Supplies

- Process for alternatively qualifying products:
 - Product testing to an applicable standard
 - Test data from one or more third-party laboratories
 - Laboratory accreditation to ISO/IEC 17025 standards
 - Submission of completed verification form and test data to the GGCC
 - Automatic annual renewal (assuming standards and product formulation do not change)
 - No fee for alternative qualification

V. Requirements

D. Exemptions for Schools

- Schools may deplete cleaning supply stocks existing on May 9.
- Schools may notify the GGCC if green cleaning is not “economically feasible.”
 - Submit a completed notification form.
 - Provide price quotes for current conventional product(s) and substitute green product(s).
 - Resubmit notification annually by June 30 to renew exemption.

V. Requirements

E. Resources Online

- Documents on www.GreenSolutions.il.gov:
 - Full guidelines and specifications
 - Application Form for Alternative Qualification
 - Exemption Notification Form for Schools
 - List of Qualified Supplies
 - Sample Invitation for Bids
 - Administrative rulemaking documents
 - This presentation and other resources

VI. Recommendations

- Generic Criteria (Non-Product Specific)
- Product Specific Criteria
- Process of “Cleaning Green”



V. Recommendations

A. Generic Criteria

- Guiding Principles
 - Environmental Factors
 - Pollution Prevention
 - Multiple Environmental Attributes
 - Relative Environmental Impacts
 - Accurate and Meaningful Information
- U. S. EPA: 5 Guiding Principles



V. Recommendations

A. Generic Criteria

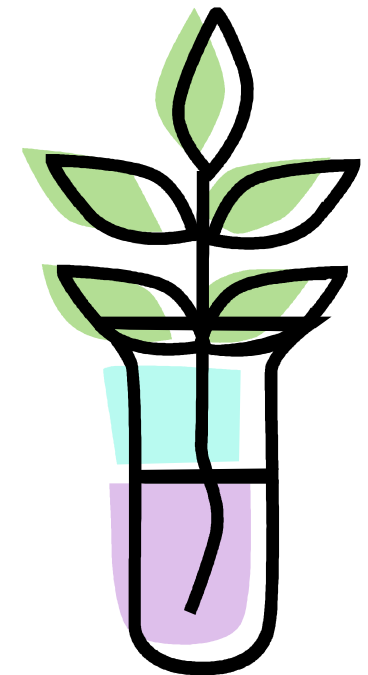
- U.S. EPA
 - Greening Your Purchase of Cleaning Products
 - www.epa.gov/epp/pubs/cleaning.htm
- Preferable Product Attributes
- Preferable Product Use
- Preferable Product Packaging and Shipping



V. Recommendations

A. Generic Criteria

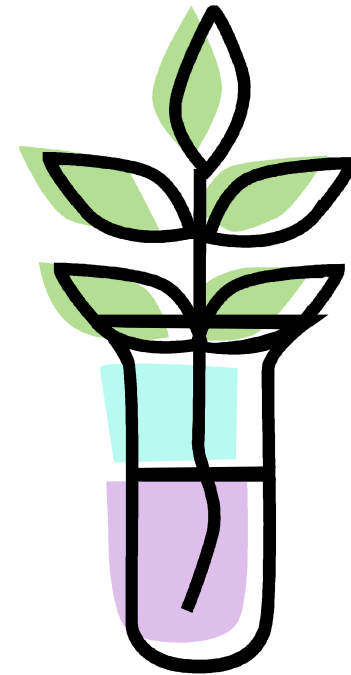
- Preferable Product Attributes
- Minimal Presence of Harmful chemicals:
 - Corrosive, Irritating Substances
 - Carcinogens, Reproductive Toxins
 - Hazardous Ingredients
 - Low VOCs



V. Recommendations

A. Generic Criteria

- Preferable Product Attributes
- Biodegradable
- Low Toxicity
- Low Flammability
- Bio-Based
- Designed for Use in Cold Water



V. Recommendations

A. Generic Criteria

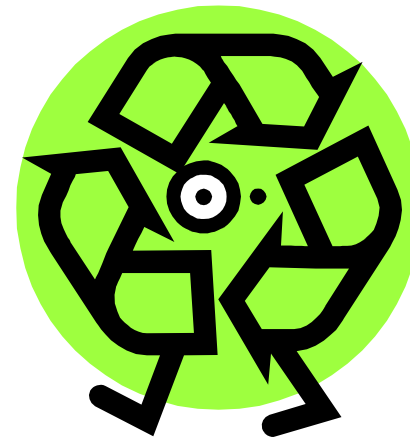
- Preferable Product Use:
- Use Disinfectants Judiciously
- Employee Training
- Metered Dilution Systems



V. Recommendations

A. Generic Criteria

- Preferable Product Packaging & Shipping
- Concentrated Formulations
- Packaging
 - Efficient, Recyclable, Recycled Content, Refillable
- Pump Sprays
- Bulk Products
- Info on Use and Disposal



V. Recommendations

B. Product Specific Criteria

- PA Green Building Operations Maintenance Manual
- Air Fresheners
 - Properly Clean
 - Bio-Based Spray
- Bathroom and Facial Tissues
 - GS-1, EcoLogo CCD-82, 83
 - U.S. EPA CPG for Commercial Sanitary Tissue



Commercial and Industrial Sanitary Tissue

U.S. EPA Comprehensive
Procurement Guidelines
www.epa.gov/cpg

Product	Postconsumer Fiber
Bathroom Tissue	20 – 60 %
Paper Towels	40 – 60 %
Facial Tissue	10 – 15 %
Industrial Wipes	40 %

V. Recommendations

B. Product Specific Criteria

- Chrome Cleaners/Polishes
 - Low VOCs
 - Biobased / Renewable Resources
- Degreasers
 - Neutral pH (Closer to 7)
 - Biodegradable
 - Low VOCs
 - Biobased / Renewable Resources
 - High Flashpoint

V. Recommendations

B. Product Specific Criteria

- Disinfectants / Sanitizers
 - Select the Least Toxic
 - Neutral pH (Closer to pH of 7)
 - Biodegradable
- Floor Finishes
 - Durable
 - GS, EcoLogo, DfE
 - Avoid Heavy Metals



V. Recommendations

B. Product Specific Criteria

- Floor Strippers
 - GS, EcoLogo, DfE
 - Closer to Neutral pH (Closer to pH of 7)
 - Low VOCs
 - Biobased / Renewable Resources



V. Recommendations

B. Product Specific Criteria

- Furniture Polish
 - Low VOCs
 - Biobased / Renewable Resources
- Graffiti Remover
 - Low VOCs
 - High Flashpoint
 - Closer to Neutral pH
 - Biobased / Renewable Resources



V. Recommendations

B. Product Specific Criteria

- **Gum Remover**
 - Low VOCs
 - High Flashpoint
 - Closer to Neutral pH
- **Lime and Scale Remover**
 - Closer to Neutral pH
 - Proper Safety and Handling Procedures

V. Recommendations

B. Product Specific Criteria

- Microfiber
- Soft Weave or Fibers
 - Dusting, Polishing, General Cleaning
- Hard Weave or Fibers
 - Cleaning Glass or Other Hard Surfaces
- Blended with Cotton
 - Damp or Wet Cleaning

V. Recommendations

B. Product Specific Criteria

- Plastic Bags
- Minimize Resource Use and Waste
- Recycled Content
 - Minimum of 10% Postconsumer Content
- Biobased Content



V. Recommendations

B. Product Specific Criteria

- Solvent Spot Removers
 - Closer to Neutral pH
 - Biodegradable
 - Low VOCs
 - High Flashpoint



V. Recommendations

B. Product Specific Criteria

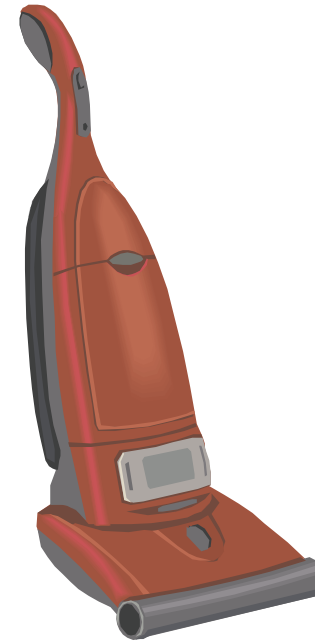
- Urinal Deodorizers
 - Readily Biodegradable
 - Non-PDCB
- Wood and Stone Floor Coatings
 - Durable
 - Low VOCs
 - High Flashpoint



V. Recommendations

B. Product Specific Criteria

- Vacuum Cleaners
- Carpet and Rug Institute Green Label
 - Soil Removal
 - Dust Containment
 - www.carpet-rug.org
- Sound Level:
 - Less than 75 dBA
 - ASTM F1334-02



V. Recommendations

B. Product Specific Criteria

- Carpet Extraction Equipment
- Carpet and Rug Institute Seal of Approval
 - Bronze Seal of Approval
- Soil Removal
- Water Removal
- www.carpet-rug.org



V. Recommendations

B. Product Specific Criteria

- Powered Floor Maintenance Equipment
 - Floor Burnishers and Buffers
- Equipped with Vacuums, Guards
 - Capture Fine Particulate Material
- Sound Level: Less Than 70 dBA



V. Recommendations

B. Product Specific Criteria

- Powered Scrubbing Machines
- Variable Speed Feed Pumps
- On Board Chemical Metering
- Optimize Use of Cleaning Fluids



V. Recommendations

B. Product Specific Criteria

- Propane Powered Floor Equipment
- High Efficiency, Low Emission Engines
- Catalytic Converters that meet the Requirements of:
 - California Air Resources Board; or
 - U.S. Environmental Protection Agency
- Sound Level: Less than 90 dBA

V. Recommendations

B. Product Specific Criteria

Miscellaneous

- Battery Powered Equipment
 - Gel Batteries
- Ergonomically Designed
 - Minimize Vibration, Noise, User Fatigue
- Safeguards (rollers or bumpers)
 - Minimize Damage to Building Surfaces

V. Recommendations

C. Process of Cleaning Green

- Best Practices for Implementation
- PA Green Building Operations Manual
- Use of Cleaning Supplies by Non-Custodial Staff
- Vulnerable Populations
- Entryways

V. Recommendations

C. Process of Cleaning Green

- Diluting Concentrated Cleaning Products
- Disinfecting and Sanitizing
- Food Areas
- Dusting and Dust Mopping

V. Recommendations

C. Process of Cleaning Green

- **Floor Care**
 - General Maintenance
 - Floor Stripping
 - Restoration, Buffing, Burnishing
- **Carpet Care**
 - General Maintenance
 - Extraction Cleaning

V. Recommendations

C. Process of Cleaning Green

- Restrooms
- Use of Air Fresheners
- Hand Washing and Drying
- Spills
- Recycling
- Trash
- Indoor Plants



V. Recommendations

D. Relationship to Other Laws

- IL Green Cleaning for Schools Act
 - Does Not Waive Other Legal Responsibilities
- Safety and Health
- Food Sanitation
- Procurement Preferences

IL Green Cleaning for Schools Act

- You Are a Valuable Source of Information
- Requirements of Act and Guidelines
- Training
- Implementation of Green Cleaning Program
- Stewardship Role

Resources

- www.greensolutions.il.gov
 - Act
 - Guidelines
- Quick and Easy Guide to Green Cleaning
 - Healthy Schools Campaign
- Green Cleaning for Dummies
 - www.issa.com

Thank You

Discussion

